Foreword

How Forecasts Are Made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Soil Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply outlook conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via radio telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

An error is associated with each forecast, and this error decreases as the season progresses and more data becomes available. To express the range of error that can be expected, "most probable" forecasts are issued along with a range representing a "reasonable minimum" and a "reasonable maximum". Actual streamflow can be expected to fall within this range in eight out of ten years. Additionally two specific scenarios are provided based on the assumption that subsequent precipitation will be "wet", above average, or "dry", below average.

For More Information

Copies of Monthly Water Supply Outlook Reports and other reports may be obtained from the states listed below. An annual snow survey data summary is published by the Soil Conservation Service for each of the western states. Historical snow survey data may be obtained at those same offices.

STATE	ADDRESS
Alaska	201 East 9th Ave., Suite 300, Anchorage, AK 99501-3687
Arizona	201 East Indianola Ave., Suite 200, Phoenix, AZ 85012
Colorado	2490 West 26th Ave., Building A, 3rd floor, Denver, CO 80211
Idaho	3244 Elder Street, Room 124, Boise, ID 83705
Montana	10 East Babcock, Room 443, Federal Building, Bozeman, MT 59715
Nevada	1201 Terminal Way, Room 219, Reno, NV 89502
New Mexico	517 Gold Ave. S.W., Room 3301, Albuquerque, NM 87102-3157
Oregon	1220 Southwest 3rd Ave., Room 1640, Portland, OR 97204
Utah	4402 Federal Building, 125 South State Street, Salt Lake City, UT 84147
Washington	W. 920 Riverside, Room 360, Spokane, WA 99201-1080
Wyoming	Federal Building, 100 "B" Street, Room 3124, Casper, WY 82601

In addition to state reports, a Water Supply Outlook for the Western United States is published by the Soil Conservation Service and National Weather Service monthly, January through May. Reports may be obtained from the Soil Conservation Service, West National Technical Center, 511 Northwest Broadway, Room 248, Portland, OR 97209-3489.

Water supply reports published by other agencies:

California — Snow Survey Branch, California Department of Water Resources, P.O. Box 388, Sacramento, CA 95802; British Columbia — The Ministry of Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia, V8V 1X5; Yukon Territory — Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory, Y1A3V1; Alberta, Environment Technical Services Division, 9820 106th St., Edmonton, Alberta T5K 2J6.

Utah
Water Supply Outlook

and

Federal – State – Private Cooperative Snow Surveys

Issued by

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Chief
Soil Conservation Service
Washington, D. C.

Released by

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State Conservationist
Soil Conservation Service
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In cooperation with

Utah State Department of Natural Resources

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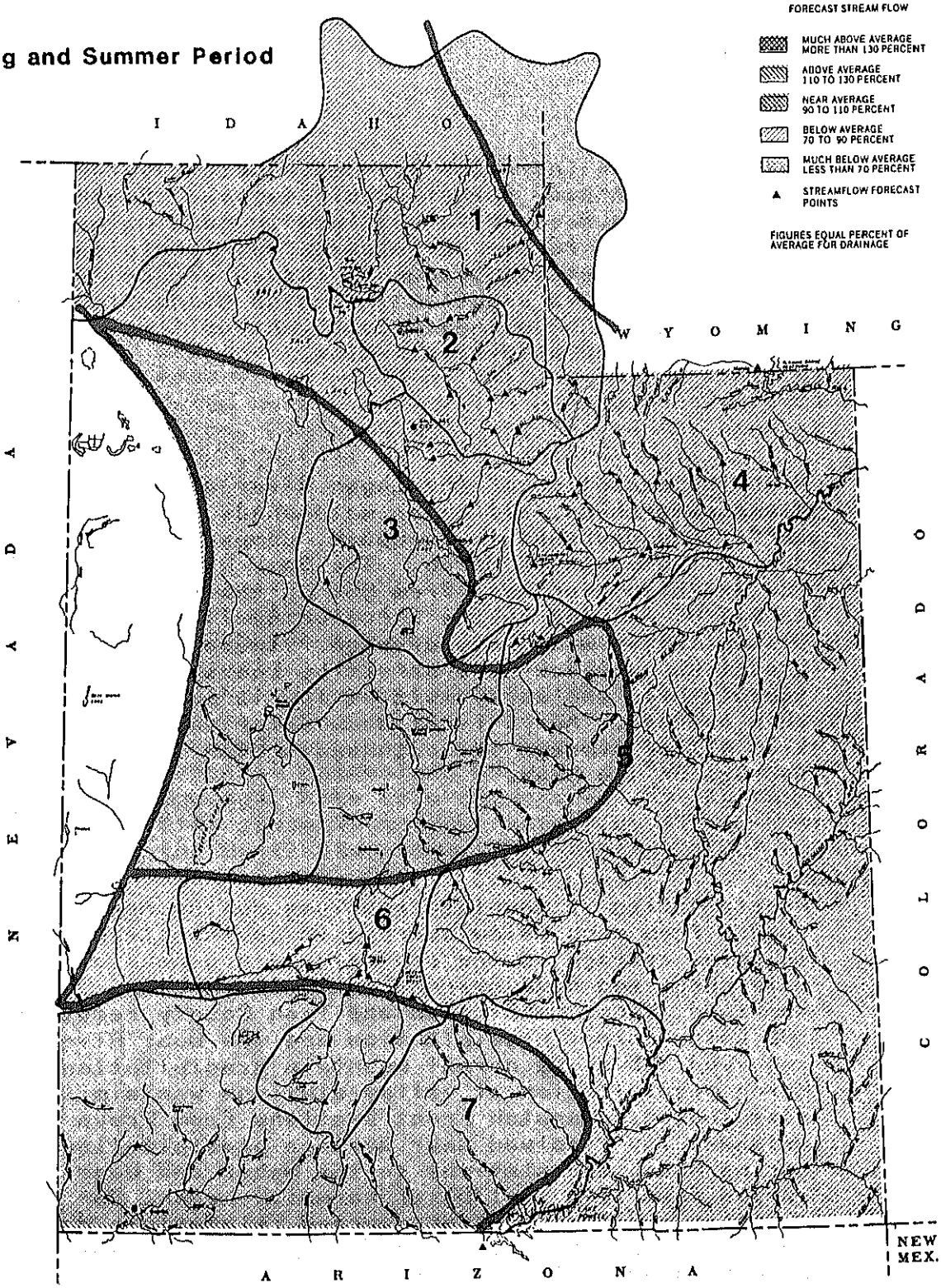
Spring and Summer Period



1 BEAR RIVER BASIN
2 WEBER & OGDEN WATERSHEDS IN UTAH
3 UTAH LAKE, JORDAN RIVER & TOOELE VALLEY
4 UINTAH BASIN & DAGGET SCD'S
5 CARBON, EMERY, WAYNE, GRAND & SAN JUAN CO.
6 SEVIER & BEAVER RIVER BASINS
7 E. GARFIELD, KANE, WASHINGTON & IRON CO.

GENERAL OUTLOOK

SUMMARY

March snowpack increases were much below average even in areas with near normal precipitation. Southwestern Utah actually recorded a net loss in snow water during March as a result of below normal precipitation and above normal temperature. The eary loss of snow water will have a negative impact on streamflow this irrigation season without the advent of timely and substantial spring precipitation.

SNOWPACK

With the exception of the Logan River and Blacks Fork River watersheds, all major watersheds in the State suffered a decrease in snowpack, compared to average, during the month of March. The Bear River watershed for example, decreased from 95% on the first of March to 91% of average on the first of April even though precipitation was above average. Increases to high elevation snowpack were offset by above average temperatures and early melt at low to mid-elevation snow courses. April first snow water content ranges from 41% of average in southwesern Utah to 91% of average on the Bear.

PRECIPITATION

Precipitation at mountain stations during March ranged from much below average in southwestern Utah to below average in the central and southeastern watersheds and near average in northern Utah. East Garfield, Kane, Washington and Iron County received 38% below normal precipitation and the Bear River received 32% above normal mountain precipitation. March precipitation at valley stations was similarly distributed. Wasatch Front stations from Provo to Brigham City received near average precipitation during March and stations on the Weber and Bear ranged from 120% to 175% of normal. Logan, for example, received 168% of average rainfall in March. March totals were near to somewhat below normal elsewhere at valley stations.

Water year accumulations (October through March) are below to much below average over the majority of the State at both mountain and valley locations. Some exceptions are on the Bear and Weber River drainages where seasonal totals are running 20% to 40% above normal at some sites.

RESERVOIRS

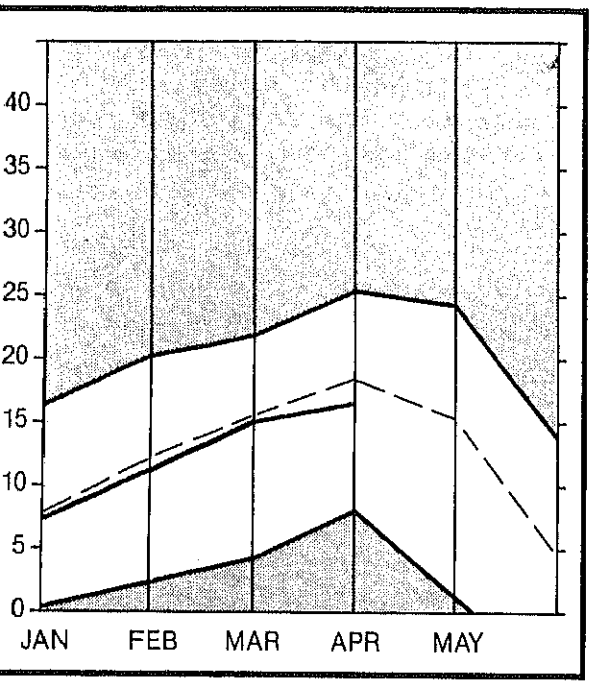
Twenty-five key irrigation reservoirs in Utah are holding stored water at 3% above normal total accumulated reserves. Vernon, Gunnison, Otter Creek, Piute, Sevier Bridge and Starvation are full or above 95% of capacity as of the end of March. Last year, these same 25 reservoirs were at 83% of capacity. This year, they have combined storage of only 73% of capacity. Normally at the end of March, these reservoirs would be holding 71% of their capacity. Below normal streamflow projections on some reservoirs, Pineview and East Canyon for example, may preclude filling this season.

STREAMFLOW

Abnormally high temperatures and below normal precipitation in most areas produced meager increases and, in some cases, a net decrease in snow water equivalent during March. Early loss of water stored in the snowpack coupled with below normal rainfall has resulted in the reduction of April through July streamflow projections for most forecast points. Forecast reductions as high as 30%, compared to average, have been necessary. Spring and summer flow projections now range from 46% of average on the Santa Clara near Pine Valley to 99% on the San Juan near Bluff.

Bear River Basin

untain snowpack* (inches)

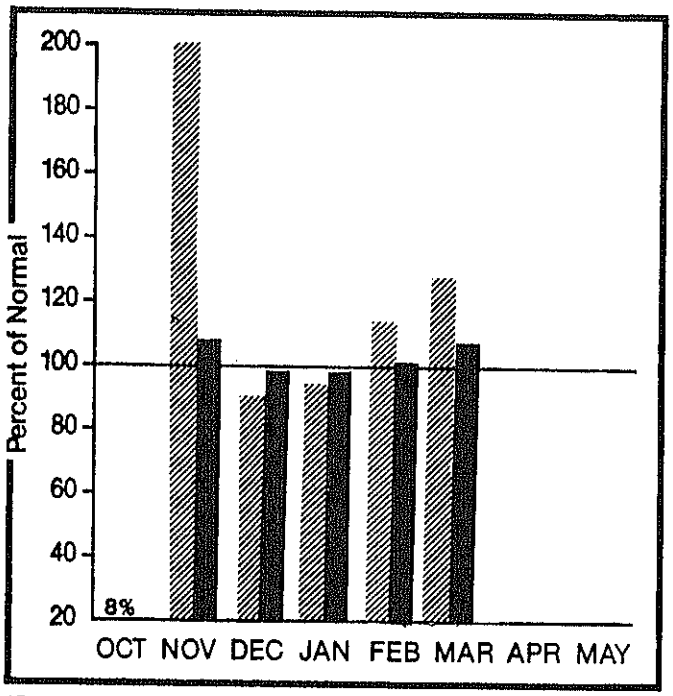


ed on selected stations

mum — Average

mum — Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

TER SUPPLY OUTLOOK:

Despite abundant precipitation in March, early snowmelt resulting from above normal temperatures inhibited overall snowpack accumulation leaving snow water content at 91% of average at month's end. Mountain precipitation was 132% of the March average bringing water year accumulation to 108% of average. Streamflow forecasts generally declined from last month by as much as ten percentage points due to below average snowpack increases. Area reservoir storage is only 87% of average and 61% of capacity.

For more information contact your local Soil Conservation Service Office:
Tremonton Field Office 801-257-5403
Logan Field Office 801-753-5616

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
BEAR RIVER near UT-WY Stateline	APR-JUL	95	82	102	88	124	66	116
BEAR near Woodruff	APR-JUL	100	67	120	82	177	24	150
WOODRUFF CREEK near Woodruff	APR-JUL	13.5	78	14.2	12.8	17.5	9.5	17.3
BIG CREEK near Randolph	APR-JUL	4.2	79	4.7	3.7	7.0	1.4	5.3
BEAR near Randolph	APR-JUL	67	53	82	52	133	1.5	126
SMITHS FORK near Border	APR-SEP	86	70			150	22	123
THOMAS FORK near Stateline	APR-SEP	26	70	28	23	37	11.9	37
BEAR RIVER near Harer	APR-SEP	205	66	215	193	330	78	310
BEAR RIVER blw Stewart Dam	APR-SEP	166	56	175	154	240	92	298
CUB RIVER near Preston	APR-JUL	43	92	46	40	53	33	47
LITTLE BEAR RIVER near Paradise	APR-JUL	32	70	36	28	49	15.1	46
LOGAN RIVER near Logan	APR-JUL	95	78	104	86	118	72	122
BLACKSMITH FORK near Hyrum	APR-JUL	41	80	45	38	57	25	51

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.
BEAR LAKE	1421.0	869.0	1064.7	1002.1
HYRUM	15.3	10.9	15.3	12.2
PORCUPINE		NO REPORT		
WOODRUFF NARROWS	55.8	18.4	33.3	---
WOODRUFF CREEK		NO REPORT		

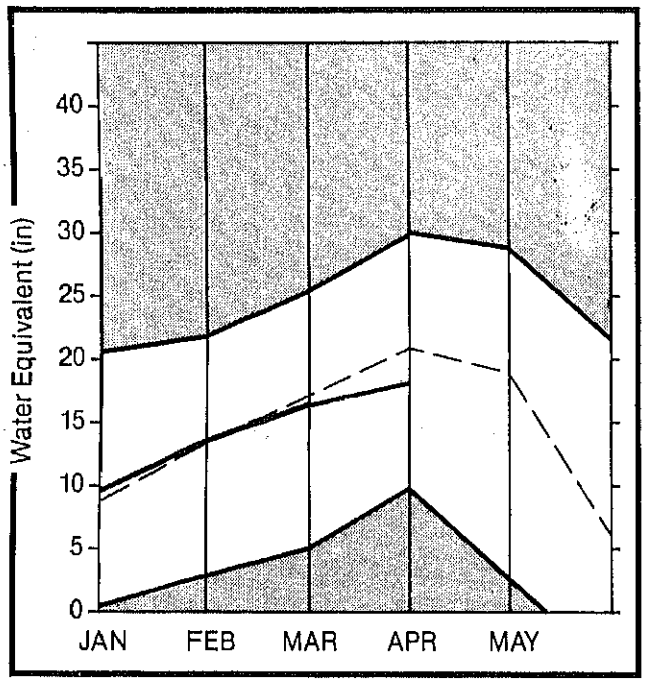
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
BEAR RIVER, UPPER IN UTAH	6	123	86
BEAR RIVER, LOWER IN UTAH	10	136	91
BEAR R. DRAINAGE IN UTAH	15	133	89
BEAR RIVER, UPPER	12	122	86
BEAR RIVER, LOWER	19	144	92
BEAR RIVER DRAINAGE	29	136	91
LOGAN RIVER	5	132	91
RAFT RIVER	4	150	97
BEAR RIVER BASIN	35	137	91

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

Weber & Ogden Watersheds

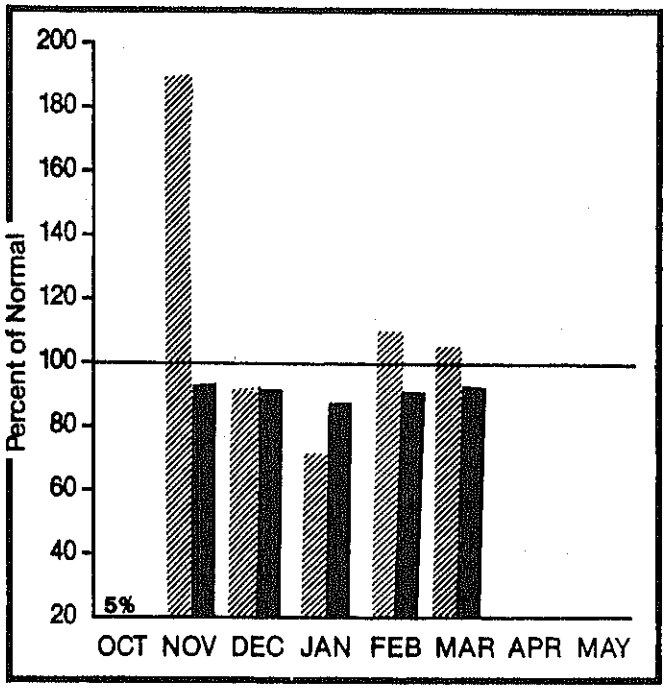
Mountain snowpack* (inches)



*Based on selected stations

Maximum
Minimum
Average
Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

WATER SUPPLY OUTLOOK:

Snow water content on the Weber River watershed increased only about one-half as much as usual during March. Measurements taken the last week of March indicate only 90% of normal snow water. This is almost 50% greater than last year, however. Precipitation at mountain stations was above average in March. Water year precipitation is still slightly below average. Forecasts of spring and summer streamflow remained unchanged or slightly declined from last month. Reservoir storage is above average for this time of year but only three-fourths of the available capacity is filled.

For more information contact your local Soil Conservation Service Office:
Layton Sub Office 801-544-9144

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
SMITH AND MOOREHOUSE CREEK near Oakl	APR-JUN	25	83			29	18.4	30
WEBER RIVER near Oakley	APR-JUN	85	79	86	76	100	61	107
ROCKPORT RESERVOIR inflow	APR-JUN	86	72	87	75	112	50	120
CHALK CREEK near Coalville	APR-JUN	30	73			39	22	41
WEBER RIVER near Coalville	APR-JUN	91	72	92	78	120	66	127
ECHO RESERVOIR inflow	APR-JUN	123	75	123	112	160	90	163
LOST CREEK near Croyden	APR-JUN	13.0	83			17.7	8.3	15.6
EAST CANYON CREEK near Morgan	APR-JUN	19.0	66			27	13.2	29
HARDSCRABBLE CREEK near Porterville	APR-JUN	15.0	82	17.0	12.8	23	6.9	18.4
WEBER RIVER at Gateway	APR-JUN	225	69			280	169	328
SOUTH FORK OGDEN RIVER near Huntsvil	APR-JUN	40	69	46	34	52	27	58
PINEVIEW RESERVOIR inflow	APR-JUN	82	67	93	71	104	60	122
WHEELER CREEK near Huntsville	APR-JUN	4.5	71	4.9	4.1	5.6	3.4	6.3
FARMINGTON CREEK near Farmington	APR-JUL	7.3	89	8.0	6.6	10.9	3.7	8.2

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.
CAUSEY	7.1	3.3	4.2	2.6
EAST CANYON	48.1	37.7	36.5	36.6
ECHO	73.9	59.2	62.2	49.5
LOST CREEK	20.0	16.6	17.9	13.3
PINEVIEW	110.1	65.3	47.3	55.6
ROCKPORT	60.9	37.5	33.0	30.9
WILLARD BAY	165.5	138.0	139.6	125.3

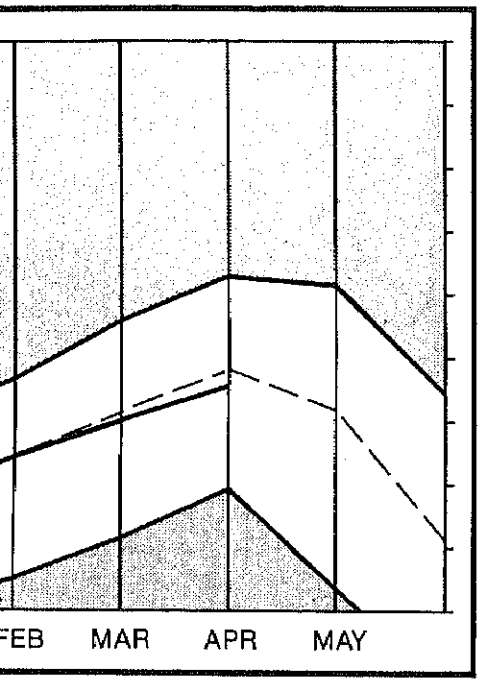
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
OGDEN RIVER	4	156	91
WEBER RIVER	17	145	89
WEBER & OGDEN WATERSHEDS	21	147	90

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

tah Lake, Jordan River & Tooele Valley

wpack* (inches)

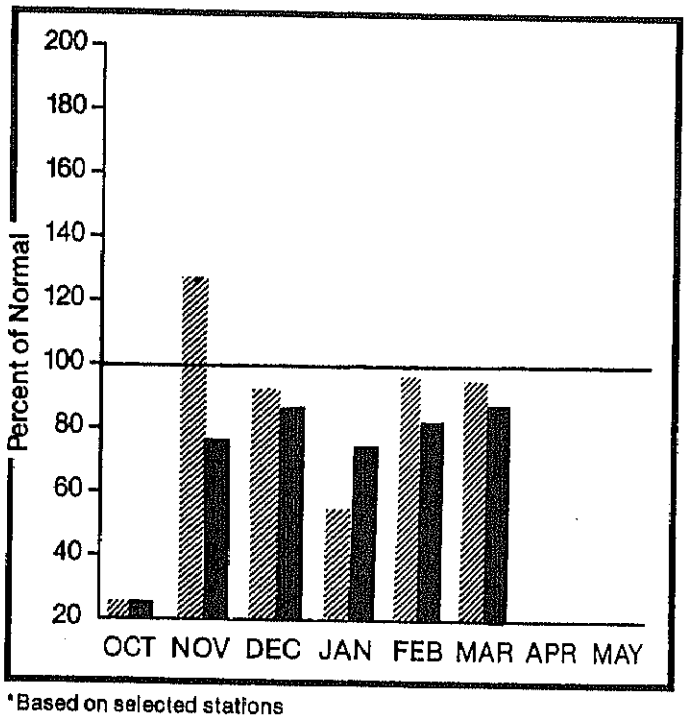


stations

Average

Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

PLY OUTLOOK:

Slightly below normal mountain precipitation and above average temperature resulted in less than half of the normal snow water equivalent increase in March. Snow water content at month's end was only 83% of the April first average. Water year precipitation accumulation is 85% of normal as of the end of March. Forecasts of streamflow for this irrigation season generally remained the same or decreased from levels forecast last month and now range from 57% to 90% of average given normal precipitation and temperature through July. Stored water in basin reservoirs is 98% of average.

For more information contact your local Soil Conservation Service Office:
Midvale Field Offcie 801-524-4373
Provo Field Office 801-377-5580

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
SALT CREEK near Nephi	APR-JUL	10.3	76			20	0.6	13.5
PAYSON CREEK near Payson	APR-JUL	5.0	68					7.3
SPANISH FORK near Castilla	APR-JUL	50	63					80
HOBBLE CREEK near Springville	APR-JUL	17.0	73					23
PROVO near Hailstone	APR-JUL	95	84			115	67	113
PROVO below Deer Creek Dam	APR-JUL	100	75			128	71	133
AMERICAN FORK near American Fk.	APR-JUL	25	74			30	22	34
UTAH LAKE inflow	APR-JUL	200	68			285	129	295
LITTLE COTTONWOOD CRK near SLC	APR-JUL	36	88			41	33	41
BIG COTTONWOOD CRK near SLC	APR-JUL	35	90			39	30	39
PARLEY'S CREEK near SLC	APR-JUL	14.0	82			19.8	10.4	17.0
MILL CREEK near SLC	APR-JUL	5.5	80			7.4	4.3	6.9
EMIGRATION CREEK near SLC	APR-JUL	3.5	76					4.6
CITY CREEK near SLC	APR-JUL	7.0	78			8.4	5.8	9.0
VERNON CREEK near Vernon	APR-JUN	0.7	58			1.3	0.1	1.2
SETTLEMENT CREEK near Tooele	APR-JUL	1.3	57			2.2	0.5	2.3
SOUTH WILLOW CREEK near Grantsville	APR-JUL	2.0	67	2.2	1.8	3.5	0.5	3.0

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.
DEER CREEK	149.6	117.1	127.6	97.9
GRANTSVILLE	3.3	2.5	2.4	---
SETTLEMENT CREEK	1.0	0.9	0.9	0.6
STRAWBERRY-ENLARGED	951.4	552.5	460.7	---
UTAH LAKE	855.5	689.0	822.7	722.9
VERNON CREEK	0.6	0.6	0.6	0.5

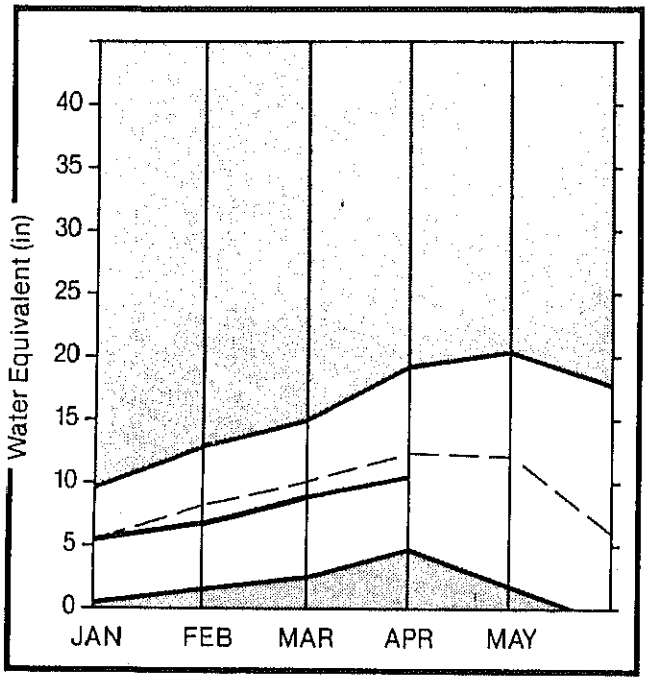
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
PROVO RIVER & UTAH LAKE	10	115	74
PROVO RIVER	5	133	72
JORDAN RIVER & GREAT SALT	13	148	91
TOOELE & VERNON W.S.'S	5	101	66
UTAH L.-JORDAN R.-TOOELE	28	129	82

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

Uintah Basin & Dagget SCD's

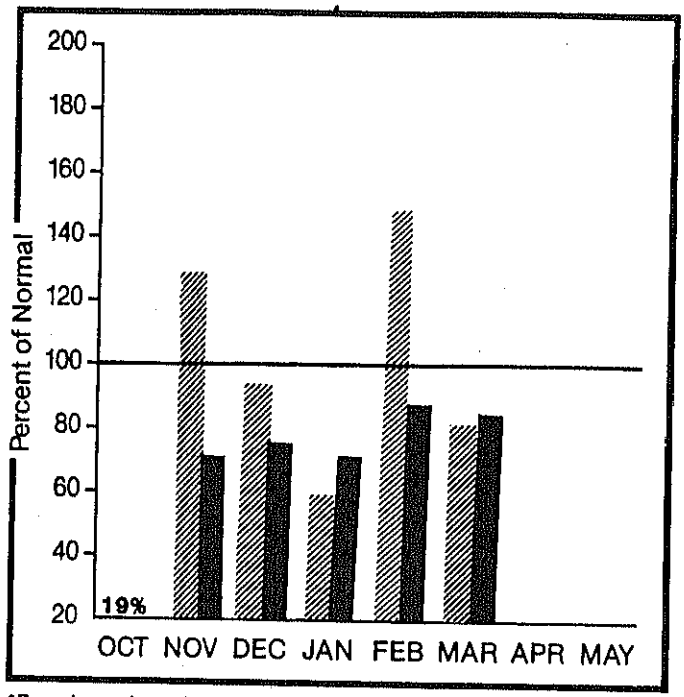
Mountain snowpack* (inches)



*Based on selected stations

Maximum
Minimum
Average
Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation
Year to date precipitation

WATER SUPPLY OUTLOOK:

Normally 2.4 inches of water is added to the snowpack in the Uintas during March. This March, however, only 1.4 inches of additional water was added leaving the snowpack at only 81% of average at the end of the month. Mountain precipitation stations received only 82% of average March precipitation which brings the water year accumulation to 85% of normal. Stream-flow forecasts for Uinta Mountain streams now range from 72% to 91% of average (a decrease of 5% to 10% from last month, generally). Stored water supplies in area reservoirs is 123% of the average volume which is 81% of capacity.

For more information contact your local Soil Conservation Service Office:
Roosevelt Field Office 801-722-4621

UINTAH BASIN & DAGGET SCD'S

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
BLACK'S FORK nr Millburne	APR-JUL	86	90	94	77	118	59	96
EF SMITHS FORK inf to State Line Res	APR-JUL	26	87	30	23	36	17.6	30
HENRY'S FORK nr Manila 2	APR-JUL	37	82	54	24	61	13.1	45
GREEN RIVER nr Greendale 2	APR-JUL	1080	85			1350	840	1267
BIG BRUSH CREEK ab Red Fleet Res	APR-JUL	18.5	93			23	14.9	19.8
ASHLEY CREEK nr Vernal 2	APR-JUL	46	88	52	40	57	37	52
WEST FORK DUCHESNE RIVER nr Hanna	APR-JUL	24	92	27	21	28	20	26
DUCHESNE RIVER nr Tabiona	APR-JUL	90	82	96	87	104	76	110
ROCK CREEK nr Mountain Home	APR-JUL	80	84	85	76	97	65	95
DUCHESNE RIVER abv Knight Diversion	APR-JUL	160	82	170	150	193	133	194
STRAWBERRY RIVER inflow to Strawberr	APR-JUL	50	83	58	42	60	40	60
CURRANT CREEK nr Fruitland 2	APR-JUL	19.0	83	20	18.3	23	15.3	23
STRAWBERRY RIVER inflow to Starvatio	APR-JUL	55	82			66	46	67
STRAWBERRY RIVER nr Duchesne (natura	APR-JUL	100	83	111	90	121	83	121
LAKEFORK RIVER blw Moon Lake 2	APR-JUL	63	89	69	57	79	51	71
YELLOWSTONE RIVER nr Altonah	APR-JUL	55	83	61	50	80	30	66
DUCHESNE RIVER at Myton 2	APR-JUL	205	75	245	172	275	120	275
UINTA RIVER nr Neola	APR-JUL	75	86	85	65	110	40	88
WHITEROCKS RIVER nr Whiterocks	APR-JUL	51	85	58	44	74	28	60
DUCHESNE RIVER nr Randlett	APR-JUL	245	72	305	197	485	102	340

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.
FLAMING GORGE	3749.0	2916.8	3019.6	—
MOON LAKE	35.8	11.6	24.8	18.3
RED FLEET	26.0	20.7	20.7	—
STEINAKER	33.3	19.4	30.1	22.6
STARVATION	165.3	159.0	162.5	114.1
STRAWBERRY-ENLARGED	951.4	592.5	480.7	—

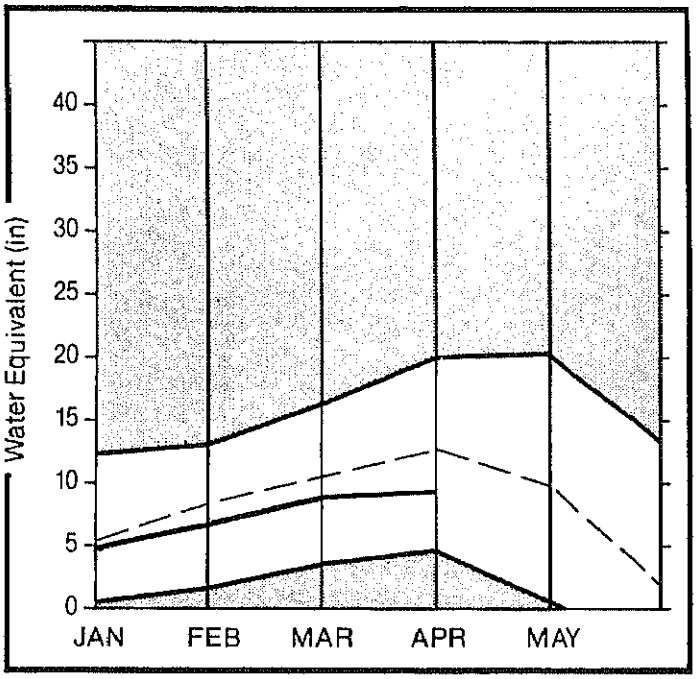
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
UPPER GREEN RIVER in UTAH	13	102	95
ASHLEY CREEK	2	132	78
BLACK'S FORK RIVER	3	91	91
SHEEP CREEK	2	84	91
DUCHESNE RIVER	16	122	78
LAKE FORK-YELLOWSTONE CK.	3	123	77
STRAWBERRY RIVER	4	118	78
UINTAH-WHITEROCKS RIVERS	4	126	85
UINTAH BASIN & DAGGET SCD	29	112	81

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

Carbon, Emery, Wayne, Grand, and San Juan Co.

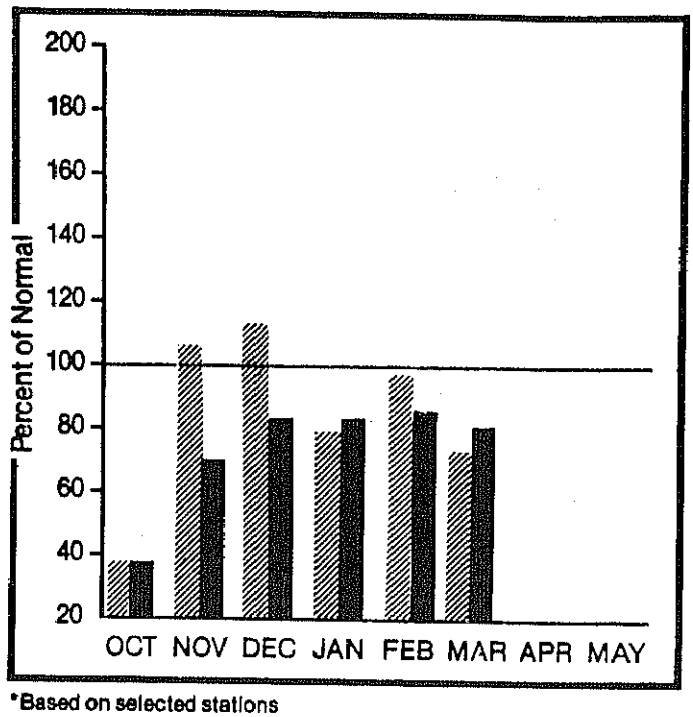
Mountain snowpack* (inches)



*Based on selected stations

Maximum
Minimum
Average
Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation

Year to date precipitation

WATER SUPPLY OUTLOOK:

Snow water increased only 18% as much as usual during March across southeastern Utah. Compared to average, snowpack fell anywhere from 4% on the Price River to 47% on the Willow Creek-White River area. Precipitation at mountain stations was only 74% of normal in March bringing water year accumulation down to 81% of average. Forecasts of spring and summer streamflow reflect the early melt and below average precipitation with decreases ranging from 3% to 22% from levels projected last month. Forecasts now range from 64% to 99% of average. Reservoir storage is near average for the end of March.

For more information contact your local Soil Conservation Service Office:
Price Field Office 801-637-0041

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
GOOSEBERRY CREEK nr Scofield	APR-JUL	8.5	71			11.5	5.5	12.0
SCOFIELD RESERVOIR inflow	APR-JUL	32	70			40	25	46
PRICE RIVER nr Heiner 2	APR-JUL	41	69			52	33	59
GREEN RIVER at Green River, UT 2	APR-JUL	2300	72			3000	1600	3182
HUNTINGTON CREEK inf to Electric Lak	APR-JUL	10.0	66			12.7	8.0	15.1
HUNTINGTON CREEK nr Huntington 2	APR-JUL	35	64			45	28	55
COTTONWOOD CREEK nr Orangeville 2	APR-JUL	33	70	36	29	47	18.9	47
FERRON CREEK nr Ferron	APR-JUL	29	71	31	26	38	19.6	41
COLORADO nr Cisco, UT 2	APR-JUL	2900	84			3930	2040	3443
MILL CREEK nr Moab	APR-JUL	4.5	82			5.8	3.2	5.5
SEVEN MILE CREEK nr Fish Lake	APR-JUL	5.0	77			6.6	3.4	6.5
MUDDY CREEK nr Emery	APR-JUL	14.0	67	14.8	13.2	19.0	9.0	21
SAN JUAN RIVER nr Archuleta 2	APR-JUL	715	94	800	630	965	500	764
SAN JUAN nr Bluff, UT 2	APR-JUL	1080	99			1520	740	1091

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.
HUNTINGTON NORTH	3.9	3.6	4.0	3.8
JOE'S VALLEY	61.6	40.0	45.0	45.6
KEN'S LAKE	2.3	0.6	1.1	—
MILL SITE	16.7	10.2	7.0	4.6
SCOFIELD	65.8	34.3	42.7	33.3

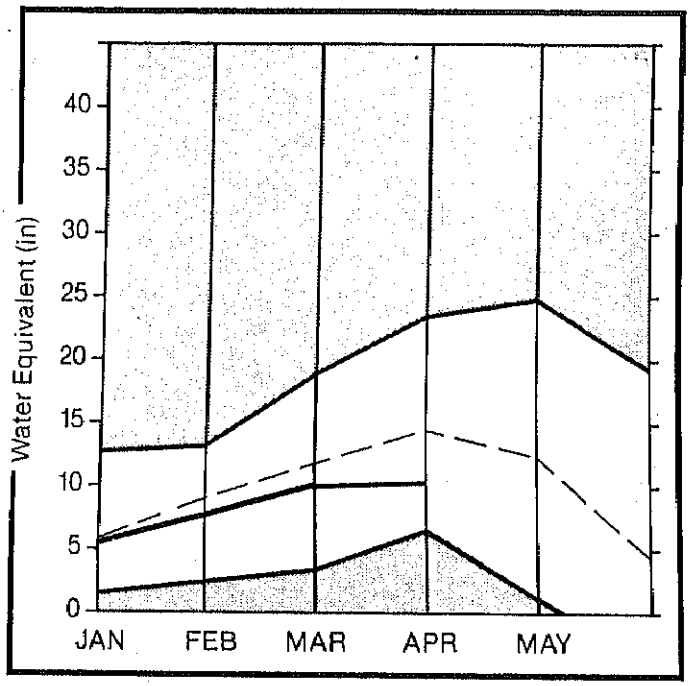
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
PRICE RIVER	3	94	81
SAN RAFAEL RIVER	7	111	73
MUDDY RIVER	2	132	69
FREMONT RIVER	4	90	70
LASAL MOUNTAINS	2	91	79
BLUE MOUNTAINS	2	104	70
WILLOW CREEK - WHITE RIVE	3	98	66
SOUTHEASTERN UTAH	22	100	72

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

Sevier & Beaver River Basins

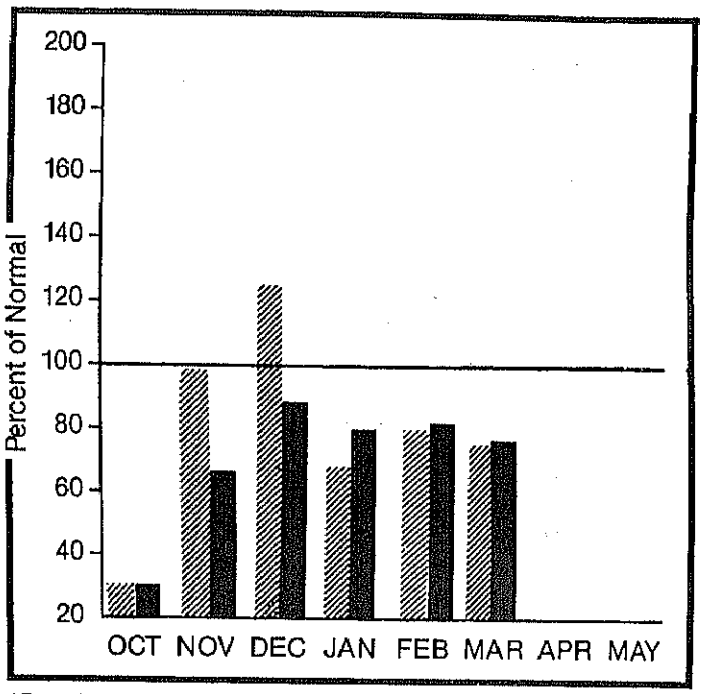
Mountain snowpack* (inches)



*Based on selected stations

Maximum
Minimum
Average
Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation
Year to date precipitation

WATER SUPPLY OUTLOOK:

Water content on the Sevier River watershed suffered a net loss in March compared to a normal increase of nearly three inches. The South Fork recorded the greatest loss with snow water content changing from 87% of average on March first to 48% on April first. Mountain precipitation during March was 23% below average. Precipitation for the water year has now fallen to 79% of average. Streamflow forecasts generally decreased from last month due to the early melt and below average precipitation. Reservoir storage is very good at 159% of average and 97% of capacity.

For more information contact your local Soil Conservation Service Office:
Richfield Field Office 801-896-6261
Fillmore Field Office 801-743-6655

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
SEVIER at Hatch	APR-JUL	33	63			49	21	52
SEVIER near Circleville	APR-JUL	33	75					44
SEVIER near Kingston	APR-JUL	23	68			36	11.1	34
ANTIMONY CREEK near Antimony	APR-JUL	6.3	71					8.9
E F SEVIER near Kingston	APR-JUL	20	83			34	12.3	24
SEVIER blw Piute Dam	APR-JUL	38	68			62	22	56
CLEAR CREEK near Sevier	APR-JUL	16.5	75					22
SIGURD to GUNNISON	APR-JUL	31	70			53	17.8	44
KINGSTON to VERMILLION DAM	APR-JUL	14.0	74					18.9
VERMILLION DAM to GUNNISON	APR-JUN	25	62					40
SALINA CREEK at Salina	APR-JUN	12.0	66					18.2
PLEASANT CREEK near Pleasant	APR-JUL	8.0	70					11.5
EPHRAIM CREEK near Ephraim	APR-JUL	16.0	64					25
SEVIER nr Gunnison	APR-JUL	65	66					99
CHICKEN CREEK near Levan	APR-JUL	2.2	63			3.2	1.2	3.5
OAK CREEK near Oak City	APR-JUL	0.8	50			1.5	0.4	1.6
CHALK CREEK near Fillmore	APR-JUL	9.0	55	12.9	5.2	13.9	4.2	16.4
BEAVER RIVER near Beaver	APR-JUL	19.5	72	21	18.1	30	9.0	27
NORTH CREEK near Beaver (combined)	APR-JUL	12.0	82	14.6	9.4	23	1.5	14.6
MINERSVILLE RESERVOIR inflow	APR-JUN	10.0	70			16.3	3.7	14.3

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.
GUNNISON	20.3	20.3	20.3	16.3
MINERSVILLE (RkyFd)	26.0	22.4	21.8	14.3
OTTER CREEK	52.7	52.9	52.7	35.8
PIUTE	71.8	71.6	71.8	46.2
SEVIER BRIDGE	236.0	228.6	233.0	136.2
PANQUITCH LAKE	22.3	19.6	19.8	---

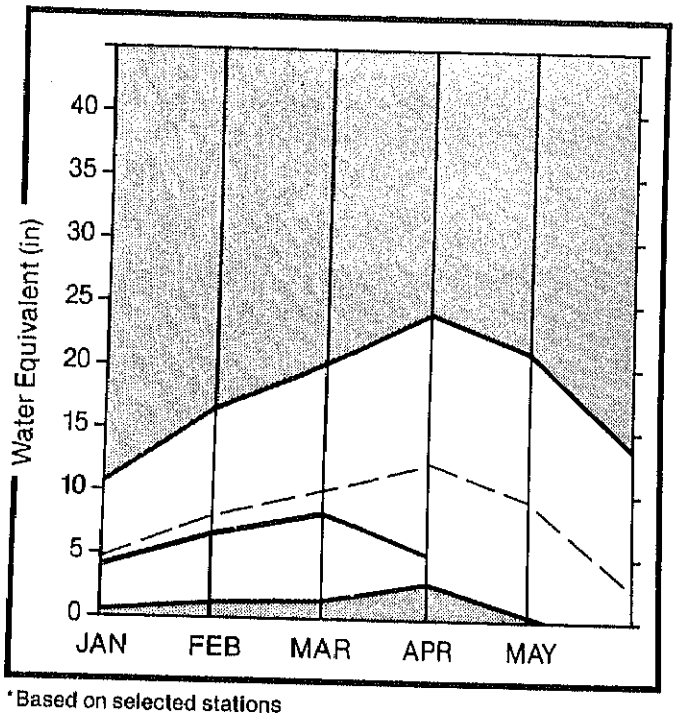
WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
U SEVIER (s of Richfield)	11	93	54
EAST FORK SEVIER RIVER	4	100	68
SOUTH FORK SEVIER RIVER	7	89	48
LOWER SEVIER RIVER	13	93	76
BEAVER RIVER	3	95	78
SEVIER & BEAVER R. BASINS	27	93	69

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

E. Garfield, Kane, Washington, & Iron Co.

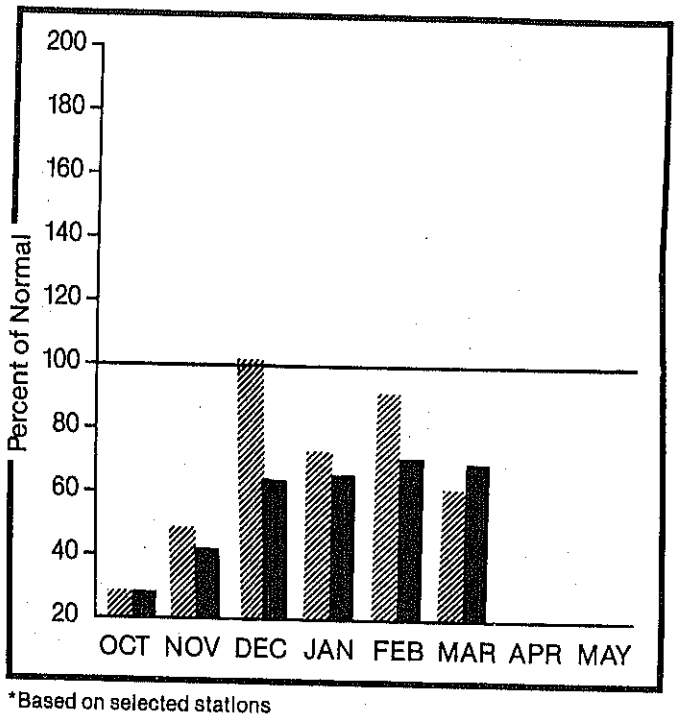
Mountain snowpack* (inches)



*Based on selected stations

Maximum
Minimum
Average
Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation
Year to date precipitation

WATER SUPPLY OUTLOOK:

April first water content on the watersheds of southwestern Utah is the lowest it has been since 1977. A loss of three inches in water content from the first of March to the first of April was recorded this year rather than the normal increase of more than two inches. March precipitation at mountain stations was almost 40% below normal. Accumulation of precipitation for the water year is now only 69% of average. Streamflow forecasts have declined another 5% to 10% from last month following the third straight month of below normal precipitation. The Enterprise reservoirs are still only holding about 12% of their cumulative capacity and Gunlock is down to 83% of capacity.

For more information contact your local Soil Conservation Service Office:
Cedar City Field Office 801-586-2429

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	WET SUBS. (1000AF)	DRY SUBS. (1000AF)	REAS. MAX. (1000AF)	REAS. MIN. (1000AF)	25 YR. AVG. (1000AF)
COAL CREEK near Cedar City	APR-JUL	12.0	60			17.4	7.6	20
COLORADO RIVER inf to Lake Powell 2	APR-JUL	6500	80	7550	5450	8600	4720	8086
VIRGIN near Hurricane	APR-JUN	35	51			58	13.2	68
SANTA CLARA near Pine Valley	APR-JUN	2.8	46					5.0

RESERVOIR STORAGE (1000AF)

RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.
GUNLOCK	10.4	8.6	---	---
LAKE POWELL	25002.0	0.0	22171.0	---
QUAIL CREEK		NO REPORT		
UPPER ENTERPRISE	10.0	0.9	---	---
LOWER ENTERPRISE	2.6	0.6	---	---

WATERSHED SNOWPACK ANALYSIS

WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR.	AVERAGE
VIRGIN RIVER	5	88	49
PAROWAN	4	50	42
ENTERPRISE TO NEW HARMONY	2	0	0
COAL CREEK	3	84	46
ESCALANTE RIVER	2	62	55
SOUTHWESTERN UTAH	12	68	41

WET SUBS. and DRY SUBS. represent 130 and 70 percent subsequent precipitation events respectively.
REAS. MAX. and REAS. MIN. forecasts are for 10% and 90% exceedance levels.
(2) - Corrected for upstream diversions or changes in reservoir storage.

SNOW MEASUREMENT DATA

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
ALTA CENTRAL	8800	03/27	88	36.3	26.3	39.4
ASHLEY TWIN LAKES	10500	03/31	45	13.0	8.5	17.4
ATWOOD LAKE	10840	03/31	42	11.8	6.5	12.0
ATWOOD LAKE SNOTEL	10840	03/27	-	8.7	6.7	11.6
BEAVER CREEK DIVIDE	8280	03/23	27	8.4	5.9	12.2
BEAVER DIVIDE SNOTL	8280	03/27	-	8.1	5.9	12.6
BEAVER DAMS	8000	03/28	18	8.1	8.9	12.1
BEAVER DAMS SNOTEL	8000	03/27	-	5.4	11.3	12.1
BEN LOMOND PEAK	8000	03/24	91	39.7	22.5	39.3
BEN LOMOND PK SNOTL	8000	03/27	-	44.2	21.0	42.8
BEN LOMOND TRAIL	6000	03/24	37	15.7	10.4	18.8
BEN LOMOND TR SNOTL	6000	03/27	-	21.0	11.1	20.8
BEVAN'S CABIN	6450	03/30	21	7.5	9.8	12.1
BIG FLAT	10290	03/27	50	15.5	16.5	19.2
BIG FLAT SNOTEL	10290	03/27	-	15.9	16.4	19.2
BIRCH CROSSING	8100	03/30	0	0.0	3.0	6.7
BLACK'S FLAT-U.M. CK	9400	03/28	23	8.4	8.8	11.5
BLACK FLAT-U.M. CK S	9400	03/27	-	7.4	7.8	11.4
BLACK'S FORK	9200	03/28	-	10.1E	7.9	14.2
BLACK'S FORK GS-EF	9340	03/23	29	8.2	9.0	9.7
BLACK'S FORK JUNCTN	8930	03/23	29	9.8	9.9	9.5
BOX CREEK	9300	03/28	34	11.9	11.1	14.1
BOX CREEK SNOTEL	9300	03/27	-	13.4	13.3	15.6
BRIAN HEAD	10000	03/27	44	13.7	20.1	21.7
BRIGHTON	8750	03/29	67	24.5	17.8	30.6
BRIGHTON SNOTEL	8750	03/27	-	27.1	17.2	37.6
BRIGHTON CABIN	8700	03/28	66	24.6	16.8	27.3
BROWN DUCK RIDGE	10600	03/24	54	15.9	14.0	19.7
BROWN DUCK SNOTEL	10600	03/27	-	14.6	13.0	18.6
BRYCE CANYON	8000	03/30	0	0.0	0.0	4.2
BUCK FLAT	9800	03/28	38	14.3	11.7	17.9
BUCK FLAT SNOTEL	9800	03/27	-	16.7	13.6	19.2
BUCK PASTURE	9700	03/31	60	16.8	11.7	16.4
BUCKBOARD FLAT	9000	03/27	26	9.6	8.6	13.1
BUG LAKE	7950	03/23	53	17.1	13.6	20.4
BUG LAKE SNOTEL	7950	03/27	-	19.1	17.2	23.0
BURT'S-MILLER RANCH	7900	03/23	15	4.9	5.1	6.0
CAMP JACKSON	8600	03/27	-	8.7E	9.0	13.1
CAMP JACKSON SNOTEL	8600	03/27	-	10.4	9.0	13.1
CASTLE VALLEY	9580	03/27	16	6.3	9.8	13.5
CASTLE VALLEY SNOTL	9580	03/27	-	10.1	13.3	15.7
CHALK CREEK #1	9100	03/23	71	20.7	16.9	23.1
CHALK CK #1 SNOTEL	9100	03/27	-	25.5	20.9	24.0
CHALK CREEK #2	8200	03/23	50	14.9	12.1	15.8
CHALK CK #2 SNOTEL	8200	03/27	-	18.3	14.3	16.1
CHALK CREEK #3	7500	03/23	20	6.8	6.7	7.8

SNOW MEASUREMENT DATA (cont.)

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
CHEPETA	10300	03/24	39	12.0	9.8	13.5
CHEPETA SNOTEL	10300	03/27	-	12.1	10.1	13.1
CHEPETA-WHITERKS. LK	10350	03/31	42	13.0	10.4	15.2
CITY CREEK	7500	03/27	62	27.5	15.4	28.3
CLEAR CREEK MEADOWS	9420	03/30	77	25.6	17.0	24.1
CLEAR CREEK RIDGE #1	9200	03/29	38	15.1	15.3	19.5
CLEAR CK RIDG #1 SNT	9200	03/27	-	18.2	14.7	19.1
CLEAR CREEK RIDGE #2	8000	03/29	35	12.8	12.1	14.7
CLEAR CK RIDG #2 SNT	8000	03/27	-	14.9	11.5	15.5
CLEAR CREEK RIDGE #3	6600	03/29	0	0.0	4.6	6.1
CURRANT CREEK	8000	03/24	21	7.7	4.9	9.3
CURRANT CREEK SNOTEL	8000	03/27	-	11.4	7.3	11.6
DANIELS-STRAWBERRY	8000	03/24	28	10.5	9.8	15.1
DANIELS-STRAWBERRY S	8000	03/27	-	14.8	15.2	18.2
DESERET PEAK	9250	03/30	-	20.2E	11.1	27.9
DESERET PEAK AM	9250				-	27.9
DESERET PEAK SNOTEL	9250	03/27	-	22.1	-	27.9
DILL'S CAMP	9200	03/28	22	8.4	6.1	12.8
DILL'S CAMP SNOTEL	9200	03/27	-	11.9	9.0	15.6
DONKEY RESERVOIR	9800	03/28	13	3.3	7.5	7.9
DONKEY RESERVOIR SNO	9800	03/27	-	4.7	6.8	7.9
DRY BREAD POND	8350	03/23	44	15.0	11.4	19.5
DRY BREAD POND SNOTL	8350	03/27	-	28.4	18.3	22.9
DUCK CREEK R.S.	8700	03/27	-	5.2E	4.1	14.2
EAST SHINGLE LAKE	9800	03/31	78	25.7	19.2	27.0
EAST WILLOW CREEK	8250	03/31	18	5.8	10.0	11.1
EAST WILLOW CREEK SN	8250	03/27	-	5.9	9.9	11.1
FARMINGTON CANYON	8000	03/24	81	32.6	15.8	32.9
FARMINGTON CN SNOTEL	8000	03/27	-	39.8	16.1	32.6
FARMINGTON CANYON L.	6950	03/24	60	27.6	13.4	25.2
FARNSWORTH LAKE	9600	03/28	53	18.4	18.6	20.6
FARNSWORTH LK SNOTEL	9600	03/27	-	18.9	20.5	19.4
FISH LAKE	8700	03/28	18	7.3	6.7	8.7
FIVE POINT LAKE	10920	03/31	48	13.4	9.4	16.3
FIVE POINTS LAKE SNO	10920	03/27	-	15.8	10.3	13.7
FRANCES FLATS	6700	03/28	37	16.3	9.0	17.0
G.B.R.C. HEADQUARTER	8700	03/28	41	14.5	13.2	18.3
G.B.R.C. MEADOWS	10000	03/28	56	18.6	18.4	25.0
GARDEN CITY SUMMIT	7600	03/23	46	14.4	12.5	18.3
GEORGE CREEK	8840	03/30	70	24.0	15.0	23.2
GOOSEBERRY R.S.	8000	03/28	27	10.8	11.6	12.8
GOOSEBERRY R.S. SNOT	8000	03/27	-	6.4	14.2	13.4
HARDSCRABBLE	6700	03/24	38	16.6	11.4	19.4
HARRIS FLAT	7700	03/27	4	.9	.0	8.7
HARRIS FLAT SNOTEL	7700	03/27	-	.9	.0	7.9
HAYDEN FORK	9400	03/23	44	12.2	11.5	16.0
HAYDEN FORK SNOTEL	9100	03/27	-	16.6	15.0	20.0

SNOW MEASUREMENT DATA (cont.)

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
HENRY'S FORK	10000	03/31	45	11.7	12.0	14.0
HEWINTA G.S.	9500	03/24	30	8.2	10.8	9.7
HEWINTA SNOTEL	9500	03/27	-	10.6	13.8	9.7
HICKERSON PARK	9100	03/24	23	7.6	10.6	7.1
HICKERSON PARK SNOTE	9100	03/27	-	6.8	9.9	7.2
HIDDEN SPRINGS	5500	03/28	0	0.0	.0	4.3
HOLE-IN-THE-ROCK	9150	03/24	17	4.8	7.9	6.1
HOLE-IN-ROCK SNOTEL	9150	03/27	-	6.5	8.9	6.1
HOLE-IN-THE-ROCK GS	8300				5.3	2.9
HOBBLE CREEK SUMMIT	7420	03/24	33	12.3	9.8	14.8
HORSE RIDGE	8260	03/23	54	21.0	14.1	22.3
HORSE RIDGE SNOTEL	8260	03/27	-	24.4	16.4	24.9
HUNTINGTON-HORSESHOE	9800	03/28	58	20.7	18.4	26.1
INDIAN CANYON	9100	03/29	28	8.7	9.5	13.5
INDIAN CANYON SNOTEL	9100	03/27	-	9.2	9.3	12.9
JOHNSON VALLEY	8850	03/28	15	5.8	4.6	7.5
KILFOIL CREEK	7300	03/23	43	14.2	9.7	14.8
KILLYON CANYON	6300	03/27	8	3.3	1.9	2.8
KIMBERLY MINE(UPPER)	9300	03/27	35	12.9	14.9	17.1
KIMBERLY MINE SNOTEL	9300	03/27	-	11.5	14.3	19.0
KING'S CABIN (UPPER)	8730	03/24	29	8.8	5.3	11.0
KING'S CABIN SNOTEL	8730	03/27	-	10.6	5.5	12.6
KLONDIKE NARROWS	7400	03/24	50	17.9	14.3	20.7
KOLOB-CRYSTAL	9250	03/27	39	14.0	16.8	23.3
KOLOB SNOTEL	9250	03/27	-	15.5	19.6	24.4
LAKEFORK BASIN	10900	03/31	54	15.1	14.4	21.4
LAKEFORK BASIN SNOTE	10900	03/27	-	19.9	16.5	15.7
LAKEFORK MOUNTAIN #1	10100	03/24	34	9.5	6.8	11.7
LAKEFORK #1 SNOTEL	10100	03/27	-	10.9	8.2	11.6
LAKEFORK MOUNTAIN #3	8400	03/24	9	3.6	2.8	6.2
LAMBS CANYON	7400	03/27	42	16.0	11.5	16.8
LASAL MOUNTAIN LOWER	8800	03/23	20	6.8	8.4	10.1
LASAL MOUNTAIN (UPP)	9850	03/23	41	14.8	15.4	17.1
LASAL MOUNTAIN SNOTE	9850	03/27	-	8.5	12.5	16.7
LIGHTNING LAKE	10500	03/31	60	17.4	16.7	23.8
LIGHTNING LAKE SNOTE	10500	03/27	-	21.6	17.7	24.4
LILY LAKE	9050	03/23	42	13.0	11.6	15.2
LILY LAKE SNOTEL	9050	03/27	-	11.8	10.9	13.8
LITTLE BEAR (LOWER)	6000	03/24	21	8.4	7.3	10.2
LITTLE BEAR (UPPER)	6550	03/24	22	9.4	7.0	13.2
LITTLE BEAR SNOTEL	6550	03/27	-	7.3	6.0	16.4
LITTLE GRASSY CREEK	6100	03/27	0	0.0	.0	2.3
LITTLE GRASSY SNOTEL	6100	03/27	-	0.0	.0	2.3
LONG FLAT	8000	03/27	0	0.0	4.3	7.0
LONG FLAT SNOTEL	8000	03/27	-	.2	3.4	7.9
LONG VALLEY JCT.	7500	03/27	3	.7	.0	3.6
LONG VALLEY JCT. SNT	7500	03/27	-	.3	.0	3.6

SNOW MEASUREMENT DATA (cont.)

)W COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
)KOUT PEAK	82ØØ	Ø3/3Ø	62	25.2	-	19.4
)KOUT PEAK SNOTEL	82ØØ	Ø3/27	-	24.7	-	19.4
;T CREEK RESERVOIR	613Ø	Ø3/23	2	.8	.3	4.Ø
)MOTH-COTTONWOOD	88ØØ	Ø3/28	45	18.5	17.Ø	22.6
)MOTH-COTTONWD SNT	88ØØ	Ø3/27	-	18.6	16.9	22.5
?CHANT VALLEY (UP)	875Ø	Ø3/27	3Ø	9.8	9.8	11.7
?CHANT VALLEY SNOT	875Ø	Ø3/27	-	1Ø.6	1Ø.Ø	12.1
)DLE BEAVER CREEK	865Ø				5.Ø	5.2
)DLE CANYON	7ØØØ	Ø3/3Ø	23	8.7	12.Ø	15.Ø
)WAY VALLEY	98ØØ	Ø3/27	44	14.5	16.5	23.6
)WAY VALLEY SNOTEL	98ØØ	Ø3/27	-	17.Ø	21.Ø	23.7
.L CREEK	695Ø	Ø3/27	54	2Ø.6	13.2	22.Ø
.L-D SOUTH FORK	74ØØ	Ø3/27	42	17.Ø	12.6	2Ø.3
.L-D NORTH	896Ø	Ø3/3Ø	7Ø	27.8	-	31.Ø
.L-D NORTH SNOTEL	896Ø	Ø3/27	-	28.Ø	-	31.Ø
JING FORK	8ØØØ	Ø3/3Ø	53	2Ø.Ø	-	3Ø.7
)ING FORK SNOTEL	8ØØØ	Ø3/27	-	2Ø.5	-	3Ø.7
)TE CRISTO R.S.	896Ø	Ø3/23	68	24.2	16.3	25.8
)TE CRISTO SNOTEL	896Ø	Ø3/27	-	33.8	25.6	3Ø.6
;BY MOUNTAIN(LOW)	95ØØ	Ø3/24	29	7.8	5.4	1Ø.3
;BY MTN. SNOTEL	95ØØ	Ø3/27	-	8.8	7.5	11.7
.BALDY R.S.	95ØØ	Ø3/28	59	2Ø.4	19.5	25.Ø
) CREEK #2	86ØØ	Ø3/28	32	1Ø.9	11.1	13.9
; CREEK	776Ø	Ø3/27	25	8.Ø	1Ø.6	12.5
; MILE SUMMIT	733Ø	Ø3/3Ø	1Ø	2.6	3.8	7.7
'ER LAKE	96ØØ	Ø3/27	3Ø	1Ø.5	11.5	14.9
)QUITCH LAKE	82ØØ	Ø3/27	Ø	Ø.Ø	.Ø	4.5
?ADISE PARK	1Ø1ØØ	Ø3/24	4Ø	11.1	9.6	14.1
?LEY'S CANYON SUM.	75ØØ	Ø3/27	51	19.4	13.8	19.2
?LEY'S CANYON SNOT	75ØØ	Ø3/27	-	16.2	12.9	2Ø.9
'/SON R.S.	8Ø5Ø	Ø3/27	45	16.8	15.Ø	19.7
'/SON R.S. SNOTEL	8Ø5Ø	Ø3/27	-	18.7	21.3	23.7
;KLE KEG SPRING	96ØØ	Ø3/28	36	13.5	12.6	17.2
;KLE KEG SNOTEL	96ØØ	Ø3/27	-	16.1	17.1	19.1
)E CANYON	8ØØØ	Ø3/23	46	17.9	1Ø.4	2Ø.Ø
)E CREEK	88ØØ	Ø3/27	3Ø	11.Ø	17.9	17.2
)E CREEK SNOTEL	88ØØ	Ø3/27	-	16.1	23.4	19.6
)DEN MINE LOWER	85ØØ	Ø3/23	41	13.3	11.9	18.8
) PINE RIDGE	92ØØ	Ø3/28	37	13.8	13.Ø	18.Ø
) PINE RIDGE SNOTE	92ØØ	Ø3/27	-	16.7	17.5	19.5
;S'S FLAT	73ØØ	Ø3/27	3Ø	1Ø.9	1Ø.4	13.8
'/NOLDS PARK	1Ø4ØØ	Ø3/31	44	13.6	12.7	17.7
;K CREEK	79ØØ	Ø3/24	1Ø	3.2	1.5	6.8
;K CREEK SNOTEL	79ØØ	Ø3/27	-	7.7	5.1	6.7
;KY BASIN-SETTLEMT	89ØØ	Ø3/3Ø	61	22.8	19.9	29.1

SNOW MEASUREMENT DATA (cont.)

SNOW COURSE	ELEV.	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
ROCKY BN-SETTLEMT SN	8900	03/27	-	18.8	17.4	24.1
SEELEY CREEK R.S.	10000	03/28	42	14.7	12.9	18.2
SEELEY CREEK SNOTEL	10000	03/27	-	12.4	11.0	16.4
SERGEANT LAKES	8300	03/31	33	9.2	7.8	18.8
SHINGLE MILL	6200	03/30	7	2.6	10.6	9.5
SILVER LAKE(BRIGHT.)	8730	03/28	63	25.2	16.4	26.3
SMITH & MOREHOUSE	7600	03/23	31	10.8	8.9	13.6
SMITH MOREHOUSE SNTL	7600	03/27	-	14.8	11.0	15.4
SNOWBIRD GAD VALLEY	9700	03/25	88	32.8	23.8	34.9
SOAPSTONE R.S.	7800	03/23	-	8.9E	6.7	12.1
SPIRIT LAKE	10300	03/24	35	11.1	11.6	13.5
SQUAW SPRINGS	9300	03/28	15	6.1	4.3	7.6
STEEL CREEK PARK	10100	03/24	56	14.3	16.5	16.4
STEEL CREEK PARK SNO	10100	03/27	-	15.1	14.8	16.5
STILLWATER CAMP	8550	03/23	33	9.6	8.7	11.0
STRAWBERRY DIVIDE	8400	03/31	46	17.3	14.0	19.9
STRAWBERRY DIVIDE SN	8400	03/27	-	18.6	14.4	20.2
STUART R.S.	7950	03/28	6	2.3	2.4	8.2
SUSC RANCH	8200	03/30	0	0.0	0.0	7.9
TALL POLES	8800	03/30	21	6.7	12.2	15.5
THAYNES CANYON	9200	03/31	61	21.2	14.8	23.0
THAYNES CANYON SNOTL	9200	03/27	-	22.8	14.8	23.0
THISTLE FLAT	8500	03/28	41	14.5	13.6	17.8
TIMPANOGOS DIVIDE	8140	03/24	44	15.6	10.2	25.5
TIMPANOGOS DIVIDE SN	8140	03/27	-	19.6	10.7	24.6
TONY GROVE LAKE	8400	03/23	104	37.6	26.0	37.1
TONY GROVE LK SNOTEL	8400	03/27	-	40.1	26.9	39.2
TONY GROVE R.S.	6250	03/23	31	11.1	9.2	12.1
TRIAL LAKE	9960	03/23	67	21.4	16.2	24.7
TRIAL LAKE SNOTEL	9960	03/27	-	25.2	19.4	25.2
TROUT CREEK	9400	03/24	29	8.6	7.9	11.2
TROUT CREEK SNOTEL	9400	03/27	-	10.6	7.4	11.6
UPPER JOES VALLEY	8900	03/28	19	7.3	8.1	10.9
VERNON CREEK	7500	03/30	10	3.6	9.5	10.7
VERNON CREEK SNOTEL	7500	03/27	-	4.2	9.5	12.3
VIPONT	7670	03/30	46	16.9	10.2	16.5
WEBSTER FLAT	9200	03/27	23	8.1	10.3	18.8
WEBSTER FLAT SNOTEL	9200	03/27	-	6.1	10.4	16.5
WHITE RIVER #1	8550	03/29	30	9.9	10.8	14.0
WHITE RIVER #1 SNOTE	8550	03/27	-	11.0	12.9	14.4
WHITE RIVER #3	7400	03/29	14	7.6	8.2	7.3
WIDTSOE-ESCALANTE #3	9500	03/28	28	7.8	10.4	12.3
WIDTSOE #3 SNOTEL	9500	03/27	-	7.6	11.8	13.0
WRIGLEY CREEK	9000	03/28	23	8.5	7.1	11.9
YANKEE RESERVOIR	8700	03/27	8	2.3	9.7	10.4

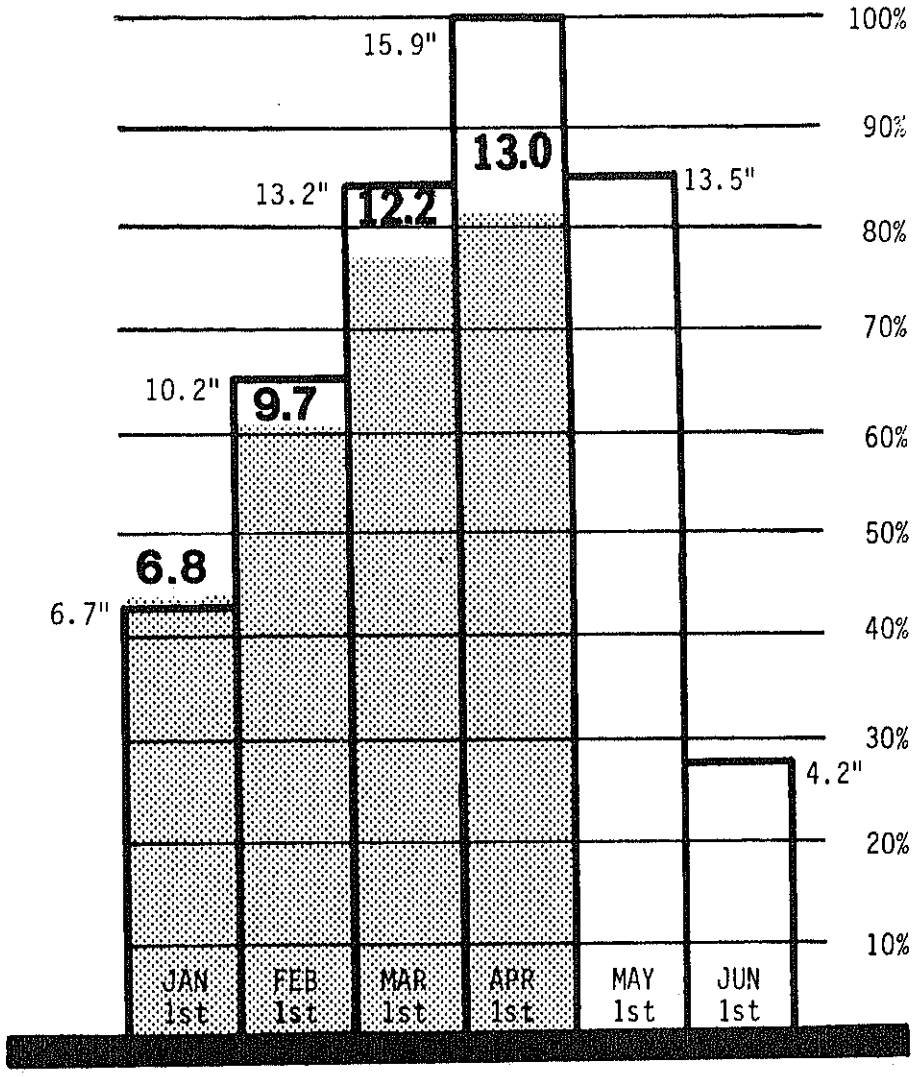
United States Department of Agriculture

Soil Conservation Service

Salt Lake City, Utah

Utah Snowpack Progress

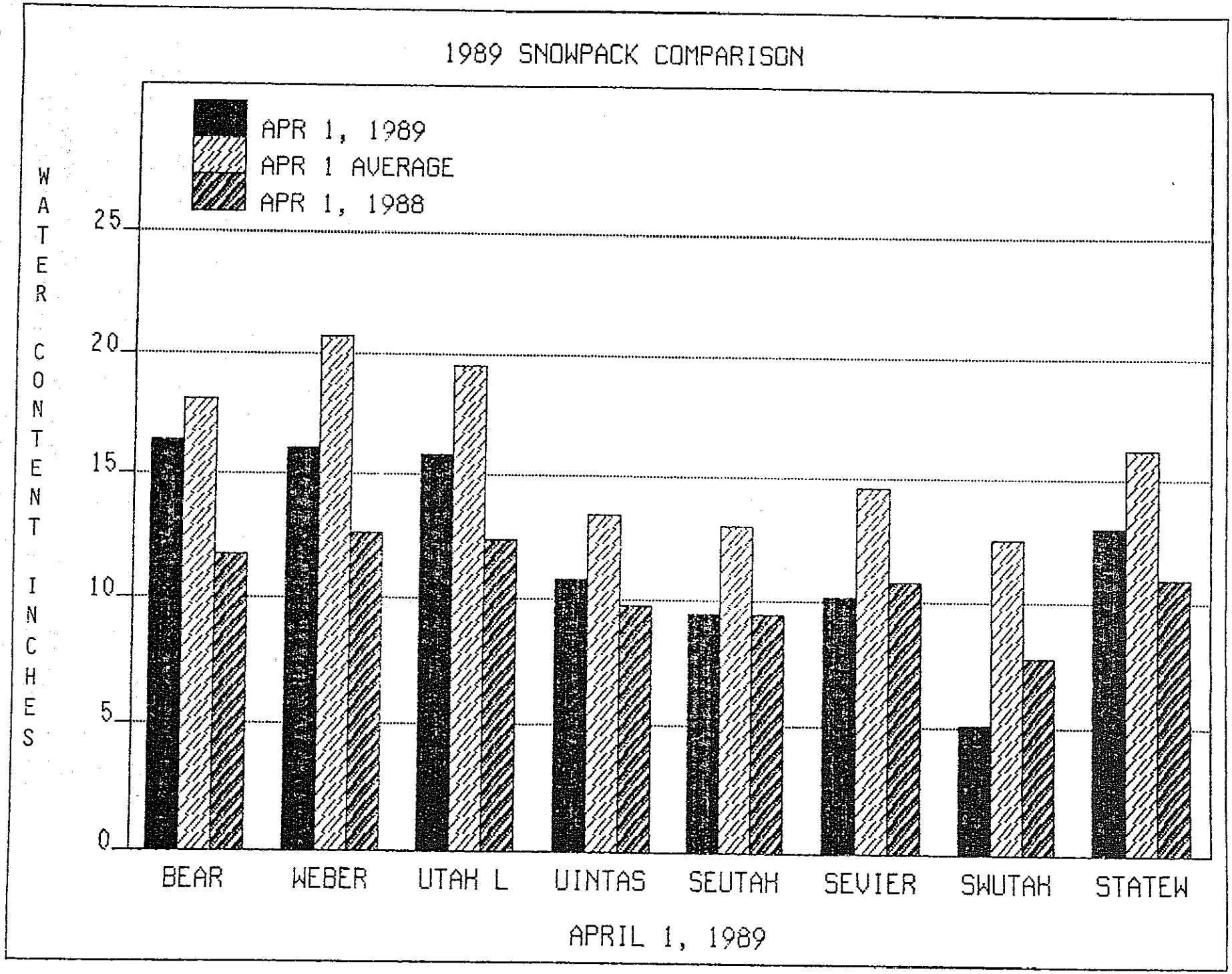
1989



Statewide

N O T E :
Snow water equivalent in inches is compared to the highest seasonal amount (100%). Monthly averages are accumulated by basin/state.

Averages are for the period 1961-1985.


1989 SNOWPACK COMPARISON
APR 1, 1989
APR 1 AVERAGE
APR 1, 1988
WATER CONTENT INCHES
25
20
15
10
5
0
BEAR
WEBER
UTAH L
UINTAS
SEUTAH
SEVIER
SWUTAH
STATEW
APRIL 1, 1989

The Following Organizations Cooperate With The Soil Conservation Service In Snow Survey Work

Utah State University
Utah State Department of Natural Resources
- Division of Wildlife Resources
- Division of Water Resources
- Division of Water Rights
- Bear River Commissioner
- Price River Commissioner
- Provo River Commissioner
- Sevier River Commissioners
- Spanish Fork River Commissioner
- Utah Lake and Jordan River Commissioner

U.S. Department of Agriculture
- Soil Conservation Service
- Forest Service

U.S. Department of Commerce
- NOAA, National Weather Service

U.S. Department of Interior
- Bureau of Reclamation
- Geological Survey
- National Park Service

U.S. Army Corps of Engineers

Manti
Salt Lake City

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Central Utah Conservancy District
Emery Canal and Reservoir Company
Grantsville Irrigation Company
Grantsville Soil Conservation District
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association
Weber River Water Users Association
Weber Basin Conservancy District

Other organizations and individuals furnish information for the snow survey reports. Their cooperation is gratefully acknowledged.